

ABSTRACT

A device for wirelessly transmitting data under a wireless protocol is contemplated. A remote wireless network device initiates a session with a network. In this manner, information is sent to a gateway associated with the access point that couples the remote wireless network device to the network. When the remote wireless network device moves, data is tunneled between the succeeding gateway and the original gateway, but for those sessions opened at the original gateway. Any sessions associated with the remote wireless network device at the new gateway are processed and maintained by the new gateway without tunneling the data.